Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	9	(("6904191") or ("6828887") or ("6510275") or ("6658179") or ("6580858") or ("6379989") or ("6567448") or ("6054335") or ("6177800")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/08 10:34
L17	210	(thermal near2 actuator) same width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:35

L18	113	(US-20010017358-\$ or	US-PGPUB;	OR	ON	2005/06/08 10:35
L10	113	US-20010017336-\$ 01 US-20010050232-\$ or	USPAT;	OK	ON	2005/00/06 10.55
		US-20020011758-\$ or	EPO;			
		US-20020164123-\$ or	DERWENT			
		US-20020174891-\$ or	DERIVE.	ì		
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		(US-4887100-\$ or US-5024500-\$				
		or US-5364497-\$ or US-5583290-\$ or US-5862003-\$ or US-5870518-\$				
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		(US-6291922-\$ or US-6303885-\$				
		or US-6308631-\$ or US-6310419-\$				
		or US-6324748-\$ or US-6333583-\$				
		or US-6338249-\$ or US-6351580-\$				
		or US-6360033-\$ or US-6360539-\$!
		or US-6363183-\$ or US-6367251-\$				
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		or US-6388359-\$ or US-6404969-\$				
		or US-6407478-\$ or US-6422011-\$				
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C:\Docu	ments and Set	f of US-6504968-595 fts-6590313-5 ttings/riepisto/My-bocuments/FAS11Work or US-6596147-\$ or US-6628039-\$	spaces\106349	11.wsp		
		or US-659614/-\$ or US-6628039-\$				
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L19	198	L17 not L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:35
L20	1	2005-210748.NRAN.	DERWENT	OR	ON	2005/06/08 10:41
L21	1	2005-210744.NRAN.	DERWENT	OR	ON	2005/06/08 10:41
L22	1	2005-210744.NRAN.	DERWENT	OR	ON	2005/06/08 10:42
L23	103	(thermal with actuator) and (beam with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43

	100	410 2002000CC44 +				
L24	103	(US-20030086641-\$ or	US-PGPUB;	OR	ON	2005/06/08 10:43
		US-20040032000-\$ or	USPAT;			
		US-20010050232-\$ or	EPO;			
		US-20020011758-\$ or	DERWENT			
		US-20020164123-\$ or				
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1		or US-6807356-\$ or US-6836584-\$				
1		or US-6853765-\$ or US-4887100-\$				
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L25	21	L23 and L24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43
L26	3	(thermal with actuator) and (beam with resistance with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43
L27	394	(beam with resistance with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43
L28	360	(optical with switch\$2) and substrate and (beam or waveguide or fiber) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43
L29	1176	(substrate same (beam or waveguide or fiber)) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43
L30	869	L29 not L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/08 10:43
S1	15	(("5706041") or ("5851412") or ("6362512") or ("6379989") or ("6002507") or ("6014240") or ("5909078") or ("5994816") or ("6023121") or ("6114794") or ("6255757") or ("6324748") or ("6360539") or ("20030134445") or ("20030086641")).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/07 09:21
S2	1	("6658179").PN.	US-PGPUB; USPAT	OR	OFF	2005/03/07 09:40
S3	9	(("6828171") or ("6467879") or ("6479311") or ("6479315") or ("6506620") or ("6580858") or ("6510275") or ("6828887") or ("6661070")).PN.	US-PGPUB; USPAT	OR	OFF	2005/03/07 10:41

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S4	11	(("5024500") or ("6487330") or ("6842558") or ("6201629") or ("5969848") or ("6033670") or ("5502781") or ("6072924") or ("6303885") or ("6526198") or ("20040032000")).PN.	US-PGPUB; USPAT	OR ·	OFF	2005/03/07 10:42
S5	333	(optical with switch\$2) and substrate and (beam or waveguide or fiber) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:44
S6	6	("5867302" "5955817" "5962949" "5994816" "6023121" "6114794").PN. OR ("6367252").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 10:57
S7	1	2002-548530.NRAN.	DERWENT	OR	ON	2005/03/07 11:03
S8	0	("2004/0184760").URPN.	USPAT	OR	ON	2005/03/07 11:36
S9	0	("2004/0118481").URPN.	USPAT	OR	ON	2005/03/07 11:37
S10	1	("2004/0114856").URPN.	USPAT	OR	ON	2005/03/07 11:37
S11	0	("2004/0184720").URPN.	USPAT	OR	ON	2005/03/07 11:37
S12	0	("2004/0184710").URPN.	USPAT	OR	ON	2005/03/07 11:37
S13	0	("2004/0184709").URPN.	USPAT	OR	ON	2005/03/07 11:37
S14	0	("6828887").URPN.	USPAT	OR	ON .	2005/03/07 11:39
S15	0	("6853765").URPN.	USPAT	OR	ON	2005/03/07 11:40
S16	3	("5909078" "6168395" "6303885").PN. OR ("6828887"). URPN.	US-PGPUB; USPAT; USOCR	OR ·	ON	2005/03/07 11:41
S17	6	("20020102061" "4946236" "5175776" "5446811" "6360036" "6388359").PN. OR ("6853765").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 11:41
S18	0	("2005/0031288").URPN.	USPAT	OR	ON	2005/03/07 11:43
S19	0	("2005/0031253").URPN.	USPAT	OR	ON	2005/03/07 11:43
S20	0	("2005/0031252").URPN.	USPAT	OR	ON	2005/03/07 11:43
S21	1461	substrate and (beam or waveguide or fiber) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 17:18
S22	1099	(substrate same (beam or waveguide or fiber)) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 16:08

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S23	812	S22 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:45
S24	19	("4624741" "4893509" "5130276").PN. OR ("5364497"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 12:05
S25	1	1997-169577.NRAN.	DERWENT	OR	ON	2005/03/07 16:00
S26	35	("3836225" "4688885" "5080458" "5181214" "5214727" "5457765" "5483608" "5553182" "5602955" "5606635" "5699463").PN. OR ("5870518"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 16:02
S27	70	(substrate same (beam or waveguide or fiber)) and (thermal with actuator).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 16:09
S28	333	(optical with switch\$2) and substrate and (beam or waveguide or fiber) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 16:09
S29	57	S27 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/03/07 16:09

						
S30	75	("1258368" "1658669" "2466703" "3213318" "3280550" "3304446" "3609593" "4806815" "5179499" "5180940" "5184269" "5191251" "5261747" "5296775" "5309056" "5355712" "5367584" "5441343" "5467068" "5475318" "5483799" "5536988" "5558304" "5600174" "5602955" "5606635" "5629665" "5644177" "5659285" "5722989" "5796152" "5813441" "5862003" "5881198" "5903078" "5909078").PN. OR ("6137206").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 16:14
S31	7	("5214735" "5677975" "5835652" "6085014" "6249636" "6374022" "6539161").PN. OR ("6661962"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 16:42
S32	1462	substrate and (beam or waveguide or fiber) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 17:19
S33	1100	(substrate same (beam or waveguide or fiber)) and (thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 08:15
S34	813	S33 not S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 17:19
S35	622	S32 not (S34 or (silverbrook.in.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 17:19

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S36	104	(US-20030086641-\$ or	US-PGPUB;	OR	ON	2005/03/07 17:19
,	1	US-20040032000-\$ or	USPAT;	()	١ ١	1
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S37	288	S35 not (S36 or S28)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 17:20
S38	2	("2003/0029705").URPN.	USPAT	OR	ON	2005/03/07 17:28
S39	12	("20010008357" "4806815" "5796152" "5909078" "5994816" "6211598" "6236139" "6255757" "6291922" "6367251" "6386507" "6590313").PN. OR ("6734597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 17:31
S40	2	("6310419" "6407478").PN. OR ("6753582").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 17:32
S41	6	("20020114058" "5909078" "5963367" "6467761" "6672795" "6679055").PN. OR ("6806991").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/07 17:33
S42	0	(substrate same (beam or waveguide or fiber)) and (ladder with thermal with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 08:15
S43	12	("20010008357" "4806815" "5796152" "5909078" "5994816" "6211598" "6236139" "6255757" "6291922" "6367251" "6386507" "6590313").PN. OR ("6734597").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/08 08:35
S44		("WO199098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/08 11:32
S45	1	"WO01/99098"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 08:38
S46	0	"01/99098"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 08:38

S47	0	"\$01/99098"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/03/08 08:38
S48	387	(beam with resistance with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 14:08
S49	3	(thermal with actuator) and (beam with resistance with width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 14:11
S50	99	(thermal with actuator) and (beam with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 14:11

						
S51	113	(US-20030086641-\$ or	US-PGPUB;	OR	ON .	2005/03/08 14:12
		US-20040032000-\$ or	USPAT;			
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Last Name = KUBBY

First Name = JOEL

		G	D . E		Inventor Name
Application#	Patent#	Status	Date Filed	Title	50
60421933	Not Issued	159	10/28/2002	STRUCTURE AND METHOD FOR A MICROELECTROMECHANIC CYLINDRICAL REFLECTIVE DIFFRACTION GRATING SPECTROPHOTOMETER	KUBBY, JOEL A.
60325282	Not Issued	159	09/27/2001	SPACING COMPENSATING ELECTROSTATIC VOLTMETER	KUBBY, JOEL A.
11092835	Not Issued	020	03/30/2005	DISTRIBUTED BRAGG REFLECTOR SYSTEMS AND METHODS	KUBBY, JOEL A
11092635	Not Issued	020	03/30/2005	TWO-DIMENSIONAL SPECTRAL CAMERAS AND METHODS FOR CAPTURING SPECTRAL INFORMATION USING TWO- DIMENSIONAL SPECTRAL CAMERAS	KUBBY, JOEL A.
11016952	Not Issued	020	12/20/2004	FULL WIDTH ARRAY MECHANICALLY TUNABLE SPECTROPHOTOMETER	KUBBY, JOEL A.
11013689	Not Issued	020	12/17/2004	BINDING SYSTEMS USING INK JET PRINTING TECHNOLOGY	KUBBY, JOEL
11010769	Not Issued	030	12/13/2004	CANTILEVER BEAM MEMS VARIABLE OPTICAL ATTENUATOR	KUBBY, JOEL A.
10995965	Not Issued	030	11/23/2004	MICROFABRICATION PROCESS FOR CONTROL OF WAVEGUIDE GAP SIZE	KUBBY, JOEL A.
10918093	Not Issued	030	08/13/2004	1	KUBBY, JOEL A.
10914531	Not Issued	020	08/09/2004	MICROMECHANICAL DISPENSING DEVICE AND A DISPENSING SYSTEM INCLUDING	KUBBY, JOEL A.

				THE SAME	
10879094	Not Issued	020	!!	OPTICAL SHUTTLE SYSTEM AND METHOD USED IN AN OPTICAL SWITCH	KUBBY, JOEL A.
10878834	Not Issued	030	11	WAVEGUIDE STRUCTURES AND METHODS	KUBBY, JOEL A.
10873125	Not Issued	030	11 1	ELECTROSTATIC ACTUATOR WITH SEGMENTED ELECTRODE	KUBBY, JOEL A.
<u>10828411</u>	Not Issued	020	II I	VIDEO GAME SYSTEM INCLUDING A MICROMECHANICAL DISPENSING DEVICE	KUBBY, JOEL A.
10827922	Not Issued	020	:	ENVIRONMENTAL SYSTEM INCLUDING A MICROMECHANICAL DISPENSING DEVICE	KUBBY, JOEL A.
10827866	Not Issued	160	04/20/2004	DISPENSING SYSTEM INCLUDING A MICROMECHANICAL DISPENSING DEVICE	KUBBY, JOEL A.
10772693	Not Issued	071	02/05/2004	THERMAL ACTUATOR WITH OFFSET BEAM SEGMENT NEUTRAL AXES AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	KUBBY, JOEL A.
10772564	Not Issued	071	02/05/2004	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	KUBBY, JOEL A.
10760846	Not Issued	030	01/20/2004		KUBBY, JOEL A.
10732724	Not Issued	020	12/10/2003	DEVICE AND SYSTEM FOR DISPENSING FLUIDS INTO THE ATMOSPHERE	KUBBY, JOEL A
10727191	Not Issued	041	12/03/2003	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	KUBBY, JOEL A.
10721849	Not Issued	071	11/25/2003	MONOLITHIC RECONFIGURABLE OPTICAL MULTIPLEXER SYSTEMS AND METHODS	KUBBY, JOEL A.
10721724	Not Issued	030	11	ELECTRICAL STIMULI OF MEMS DEVICES	KUBBY, JOEL A.
10712203	Not Issued	092	11	MEMS OPTICAL LATCHING SWITCH	KUBBY, JOEL A.
10712200	Not	041	11/12/2003	MEMS WAVEGUIDE SHUTTLE	KUBBY, JOEL

	Issued			OPTICAL LATCHING SWITCH	A.
10703382	6904191	150	11/07/2003	MXN CANTILEVER BEAM OPTICAL WAVEGUIDE SWITCH	KUBBY, JOEL A.
10672207	Not Issued	092	09/26/2003	STRUCTURE AND METHOD FOR A MICROELECTROMECHANIC CYLINDRICAL REFLECTIVE DIFFRACTION GRATING SPECTROPHOTOMETER	KUBBY, JOEL A.
10634941	Not Issued	071	08/05/2003	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	KUBBY, JOEL A.
10225555	<u>6806717</u>	150	11 1	SPACING COMPENSATING ELECTROSTATIC VOLTMETER	KUBBY, JOEL A.
10193804	6661070	150	07/11/2002	MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH SINGLE CRYSTAL SILICON EXPOSURE STEP	KUBBY, JOEL A.
10192087	Not Issued	161		MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH BACKSIDE METALIZATION	KUBBY, JOEL A.
10063762	6828887	150	II I	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	KUBBY, JOEL A.
10022917	RE38437	150	12/20/2001	METHOD AND APPARATUS FOR AN INTEGRATED LASER BEAM SCANNER USING A CARRIER SUBSTRATE	KUBBY, JOEL A.
10014563	Not Issued	094	12/14/2001	METHOD AND APPARATUS FOR AN INTEGRATED LASER BEAM SCANNER	KUBBY, JOEL A.
09986399	6510275	150	11/08/2001	MICRO- OPTOELECTROMECHANICAL SYSTEM BASED DEVICE WITH ALIGNED STRUCTURES AND METHOD FOR FABRICATING SAME	KUBBY, JOEL A.
09986395	6658179	150		MONOLITHIC RECONFIGURABLE OPTICAL MULTIPLEXER SYSTEMS AND METHODS	KUBBY, JOEL A.
09986107	Not Issued	161		MEMBRANE STRUCTURES FOR MICRO-DEVICES, MICRO- DEVICES INCLUDING SAME AND METHODS FOR MAKING SAME	KUBBY, JOEL A.

I ı	n 1		п	II	
09863637	6662448	150		METHOD OF FABRICATING A MICRO-ELECTRO-MECHANICAL FLUID EJECTOR	KUBBY, JOEL A.
09844574	6580858	150			KUBBY, JOEL A.
09724515	6506620	150		PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH BACKSIDE METALIZATION	KUBBY, JOEL A.
09724514	6479315	150		PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH SINGLE CRYSTAL SILICON EXPOSURE STEP	KUBBY, JOEL A.
09724506	6479311	150		PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH PRE-APPLIED PATTERNING	KUBBY, JOEL A.
09709096	6473361	150	11 1	ELECTROMECHANICAL MEMORY CELL	KUBBY, JOEL A.
09687096	6467879	150	10/16/2000	METHOD AND APPARATUS FOR PREVENTING DEGRADATION OF ELECTROSTATICALLY ACTUATED DEVICES	KUBBY, JOEL A.
09683533	6828171	150		SYSTEMS AND METHODS FOR THERMAL ISOLATION OF A SILICON STRUCTURE	KUBBY, JOEL A.
09535007	6384918	150	II I	SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL WITH DISPLACEMENT INSENSITIVE OPTICS	KUBBY, JOEL A.
09467482	6399405	150		PROCESS FOR CONSTRUCTING A SPECTROPHOTOMETER	KUBBY, JOEL A.
09467185	6249346	150	11 1	MONOLITHIC SPECTROPHOTOMETER	KUBBY, JOEL A.
09467184	6608679	150		SPECTROPHOTOMETRIC ANALYSIS OF INPUT LIGHT	KUBBY, JOEL A.

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Last Name = KUBBY First Name = JOEL

Application#	Patent#	Status	Date Filed	Title	Inventor Name 50
60456087	Not Issued	159	03/19/2003	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	KUBBY, JOEL H.
60456086	Not Issued	159	03/19/2003	MXN CANTILEVER BEAM OPTICAL WAVEGUIDE SWITCH	KUBBY, JOEL H.
60456063	Not Issued	159			KUBBY, JOEL H.
60113777	Not Issued	159			KUBBY, JOEL A.
60113240	Not Issued	159	12/21/1998	MONOLITHIC SPECTROPHOTOMETER	KUBBY, JOEL A.
60104356	Not Issued	159	10/15/1998	MICRO-ELECTRO-MECHANICAL INK JET DROP EJECTOR	KUBBY, JOEL A.
60069674	Not Issued	159	12/12/1997	MONOLITHIC SCANNING VCSELS USING III-V MICROMACHINING	KUBBY, JOEL A.
11113124	Not Issued	020	04/25/2005	RFID ACTIVATED PAPERCLIP TAG	KUBBY, JOEL A.
09469892	6295130	150	12/22/1999	STRUCTURE AND METHOD FOR A MICROELECTROMECHANICALLY TUNABLE FABRY-PEROT CAVITY SPECTROPHOTOMETER	KUBBY, JOEL A.
09468423	6362512	150	12/21/1999	MICROELECTROMECHANICAL STRUCTURES DEFINED FROM SILICON ON INSULATOR WAFERS	KUBBY, JOEL A.
09468141	6379989	150	12/21/1999	PROCESS FOR MANUFACTURE OF MICROOPTOMECHANICAL STRUCTURES	KUBBY, JOEL A
09467526	Not Issued	161	12/21/1999	SILICON ON INSULATOR SURFACE MICROMACHINING PROCESS	KUBBY, JOEL A.
09448774	Not Issued	160	11/24/1999	SPECTROPHOTOMETER FOR COLOR PRINTER COLOR CONTROL WITH DISPLACEMENT	KUBBY, JOEL A.

			.	INSENSITIVE OPTICS	
09416329	6357865	150	10/12/1999	MICRO-ELECTRO-MECHANICAL FLUID EJECTOR AND METHOD OF OPERATING SAME	KUBBY, JOEL A.
09415628	Not Issued	161	10/12/1999	METHOD OF FABRICATING A MICRO-ELECTRO-MECHANICAL FLUID EJECTOR	KUBBY, JOEL A.
<u>09326876</u>	6201633	150	06/07/1999	MICRO-ELECTROMECHANICAL BASED BISTABLE COLOR DISPLAY SHEETS	KUBBY, JOEL A.
09232456	6507001	150	01/19/1999	NOZZLES FOR INK JET DEVICES AND LASER ABLATING OR PRECISION INJECTION MOLDING METHODS FOR MICROFABRICATION OF THE NOZZLES	KUBBY, JOEL A.
09210315	6567448	150	12/11/1998	SCANNING III-V COMPOUND LIGHT EMITTERS INTEGRATED WITH SI-BASED ACTUATORS	KUBBY, JOEL A.
09209866	6054335	150	12/11/1998	FABRICATION OF SCANNING III-V COMPOUND LIGHT EMITTERS INTEGRATED WITH SI-BASED ACTUATORS	KUBBY, JOEL A.
09203442	6014240	150	12/01/1998	METHOD AND APPARATUS FOR AN INTEGRATED LASER BEAM SCANNER USING A CARRIER SUBSTRATE	KUBBY, JOEL A.
09201738	6002507	150	12/01/1998	METHOD AND APPARTUS FOR AN INTEGRATED LASER BEAM SCANNER	KUBBY, JOEL A.
09200353	6177800	150	11/10/1998	METHOD AND APPARATUS FOR USING SHUTTERED WINDOWS IN A MICRO-ELECTRO-MECHANICAL SYSTEM	KUBBY, JOEL A.
<u>09196396</u>	6121983	150	11/19/1998	METHOD AND APPARATUS FOR A SOLID STATE LASER SCANNING ARCHITECTURE	KUBBY, JOEL A.
09173329	6116756	150	10/15/1998	MONOLITHIC SCANNING LIGHT EMITTING DEVICES	KUBBY, JOEL A.
09172883	6180428	150	10/15/1998	MONOLITHIC SCANNING LIGHT EMITTING DEVICES USING MICROMACHINING	KUBBY, JOEL A.
09164250	6340216	150	11 1	BALLISTIC AERSOL MARKING APPARATUS FOR TREATING A SUBSTRATE	KUBBY, JOEL A.

09164124	6416157	150	09/30/1998	METHOD OF MARKING A SUBSTRATE EMPLOYING A BALLISTIC AEROSOL MARKING APPARATUS	KUBBY, JOEL A.
09163954	6328409	150	09/30/1998	BALLISTIC AEROSOL MARKING APPARATUS FOR MARKING WITH A LIQUID MATERIAL	KUBBY, JOEL A.
09163924	6454384	150	09/30/1998	METHOD FOR MARKING WITH A LIQUID MATERIAL USING A BALLISTIC AEROSOL MARKING APPARATUS	KUBBY, JOEL A.
09163893	6511149	150	09/30/1998	BALLISTIC AEROSOL MARKING APPARATUS FOR MARKING A SUBSTRATE	KUBBY, JOEL A.
09163839	6290342	150	09/30/1998	MARKING MATERIAL TRANSPORT	KUBBY, JOEL A.
09163808	6523928	150	09/30/1998	METHOD OF TREATING A SUBSTRATE EMPLOYING A BALLISTIC AEROSOL MARKING APPARATUS	KUBBY, JOEL A.
<u>09163765</u>	6467862	150	09/30/1998	CARTRIDGE FOR USE IN A BALLISTIC AEROSOL MARKING APPARATUS	KUBBY, JOEL A.
09069698	6293668	150	04/29/1998	METHOD AND APPARATUS FOR TREATING RECORDING MEDIA TO ENHANCE PRINT QUALITY IN AN INK JET PRINTER	KUBBY, JOEL A.
09032923	6100909	150	21 1	MATRIX ADDRESSABLE ARRAY FOR DIGITAL XEROGRAPHY	KUBBY, JOEL A.
08929599	5851412	150	09/15/1997	THERMAL INK-JET PRINTHEAD WITH A SUSPENDED HEATING ELEMENT IN EACH EJECTOR	KUBBY, JOEL A.
08869946	6234608	150	II i	MAGNETICALLY ACTUATED INK JET PRINTING DEVICE	KUBBY, JOEL A.
<u>08811987</u>	5744732	150	03/05/1997	SHEET MATERIALS TRANSPORT SYSTEM	KUBBY, JOEL A.
08761681	Not Issued	161	13	RASTER OUTPUT SCANNER WITH PIVOTAL MIRROR FOR PROCESS DIRECTION LIGHT SPOT POSITION CONTROL	KUBBY, JOEL A.
08754420	Not Issued	161	11/22/1996	DISTRIBUTABLE VIBRATION SENSORS FOR PRINTER DIAGNOSTICS	KUBBY, JOEL A.
08741422	5971527	150	11 1	INK JET CHANNEL WAFER FOR A THERMAL INK JET PRINTHEAD	KUBBY, JOEL A.

<u>08721515</u>	6007173	150		INK STATUS SYSTEM FOR A LIQUID INK PRINTER	KUBBY, JOEL A.
08670117	5637189	150	06/25/1996	DRY ETCH PROCESS CONTROL USING ELECTRICALLY BIASED STOP JUNCTIONS	KUBBY, JOEL A.
08670042	5865938	150	06/25/1996	WAFER CHUCK FOR INDUCING AN ELECTRICAL BIAS ACROSS WAFER HETEROJUNCTIONS	
08666940	5714697	150	1 1	SHEET MATERIALS MASS MEASURING SYSTEM	KUBBY, JOEL A.
08666765	5835975	150	06/19/1996	PAPER PROPERTY SENSING SYSTEM	KUBBY, JOEL A.
08632293	5751317	150	04/15/1996	THERMAL INK-JET PRINTHEAD WITH AN OPTIMIZED FLUID FLOW CHANNEL IN EACH EJECTOR	KUBBY, JOEL A.
08609198	5706041	150		THERMAL INK-JET PRINTHEAD WITH A SUSPENDED HEATING ELEMENT IN EACH EJECTOR	KUBBY, JOEL A.
08570299	5721574	150			KUBBY, JOEL A.
08248047	5487483	150		NOZZLES FOR INK JET DEVICES AND METHOD FOR MICROFABRICATION OF THE NOZZLES	KUBBY, JOEL A.

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Application#	Patent#	Status	Date Filed	Title	44
60637205	Not Issued	020	12/17/2004	HYDROPHILICALLY MODIFIED POLYOLS FOR IMPROVED HYDROPHOBIC SOIL CLEANING	MA, JUN
60637204	Not Issued	020	12/17/2004	HYDROPHOBICALLY MODIFIED POLYOLS FOR IMPROVED HYDROPHOBIC SOIL CLEANING	MA, JUN
60630946	Not Issued	020	11/24/2004	METHOD FOR PREPARING SINGLE WALLED CARBON NANOTUBES	MA, JUN
60628678	Not Issued	020	11/17/2004	METHOD FOR PREPARING SUPPORTED CATALYSTS FROM SINGLE WALLED CARBON NANOTUBES	MA, JUN
60628498	Not Issued	020	11/16/2004	METHOD FOR PREPARING SINGLE WALLED CARBON NANOTUBES	MA, JUN
60628469	Not Issued	020	11/16/2004	METHOD FOR PREPARING SUPPORTED CATALYSTS VIA EXTRUSION OF METAL LOADED CARBON NANOTUBES	MA, JUN
60621132	Not Issued	020	10/22/2004	OZONOLYSIS OF CARBON NANOTUBES	MA, JUN
60493198	Not Issued	159	08/07/2003	SIGNAL ESTIMATION METHOD AND DEVICE WITH APPLICATION TO HELICOPTER DYNAMIC LOADS	MA, JUN
60388616	Not Issued	159		ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	MA, JUN
11010768	Not Issued	041	12/13/2004	METHODOLOGY FOR A MEMS VARIABLE OPTICAL ATTENUATOR	MA, JUN

11004790	Not Issued	030	12/03/2004	EXTERNAL COUNTER PULSATION APPARATUS	MA, JUN
10940242	Not Issued	020	09/14/2004	METHOD OF USING CARBIDE AND/OR OXYCARBIDE CONTAINING COMPOSITIONS	MA, JUN
<u>10914531</u>	Not Issued	020	08/09/2004	MICROMECHANICAL DISPENSING DEVICE AND A DISPENSING SYSTEM INCLUDING THE SAME	MA, JUN
10879094	Not Issued	020	13	OPTICAL SHUTTLE SYSTEM AND METHOD USED IN AN OPTICAL SWITCH	MA, JUN
10873739	Not Issued	020	06/22/2004	MODIFIED CARBIDE AND OXYCARBIDE CONTAINING CATALYSTS AND METHODS OF MAKING AND USING THEREOF	MA, JUN
10828411	Not Issued	020		VIDEO GAME SYSTEM INCLUDING A MICROMECHANICAL DISPENSING DEVICE	MA, JUN
10827922	Not Issued	020	04/20/2004	ENVIRONMENTAL SYSTEM INCLUDING A MICROMECHANICAL DISPENSING DEVICE	MA, JUN
10810930	Not Issued	041	03/26/2004	CONTROLLED STARTING AND BRAKING OF AN INTERNAL COMBUSTION ENGINE	MA, JUN
10810538	Not Issued	041	03/26/2004	ELECTROMAGNETIC ACTUATOR AND CONTROL	MA, JUN
10772693	Not Issued	071		THERMAL ACTUATOR WITH OFFSET BEAM SEGMENT NEUTRAL AXES AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	MA, JUN
10772564	Not Issued	071	02/05/2004	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	MA, JUN
10732724	Not Issued	020	12/10/2003	DEVICE AND SYSTEM FOR DISPENSING FLUIDS INTO THE ATMOSPHERE	MA, JUN
10727191	Not Issued	041	12/03/2003	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	MA, JUN
10712200	Not Issued	041	11 1	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	MA, JUN

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10634941	Not Issued	071	08/05/2003	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	MA, JUN
10620023	Not Issued	030	07/14/2003	REVERSE RATE INDICATOR DETECTION	MA, JUN
10517748	Not Issued	019	01/01/0001	ELECTROCONDUCTIVE CARBON FIBRIL-BASED INKS AND COATINGS	MA, JUN
10490514	Not Issued	019	11	EXTERNAL COUNTER PULSATION APPARATUS	MA, JUN
10487107	Not Issued	030	02/17/2004	POWER SUPPLY SYSTEM AND APPARATUS	MA, JUN
10456148	Not Issued	020	06/06/2003	METHOD AND APPARATUS FOR NEAR-OPTIMAL SCALING OF LOG-LIKELIHOOD RATIO (LLR) COMPUTATION IN TURBO DECODING FOR HYBRID AUTOMATIC REPEAT REQUEST (ARQ)	MA, JUN
10305338	Not Issued	030	11/26/2002	REVERSE LINK AUTOMATIC REPEAT REQUEST	MA, JUN
10280740	Not Issued	030	10/24/2002	REVERSE LINK AUTOMATIC REPEAT REQUEST	MA, JUN
<u>10170269</u>	6841508	150	06/11/2002	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	MA, JUN
10150370	Not Issued	071	05/17/2002	MODIFICATION OF NANOTUBES OXIDATION WITH PEROXYGEN COMPOUNDS	MA, JUN
10063762	6828887	150	05/10/2002	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	MA, JUN
10023618	6809229	150	12/18/2001	METHOD OF USING CARBIDE AND/OR OXYCARBIDE CONTAINING COMPOSITIONS	MA, JUN
09861370	6872681	150	05/18/2001	MODIFICATION OF NANOTUBES OXIDATION WITH PEROXYGEN COMPOUNDS	MA, JUN
09772742	6660713	150	01/30/2001	HYDROPHOBIC NANOZEOLITES FOR MALODOR CONTROL	MA, JUN
09615350	Not	161	07/12/2000	CARBIDE AND OXYCARBIDE	MA, JUN

	Issued			BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	
<u>09481184</u>	6514897	150	01/12/2000	CARBIDE AND OXYCARBIDE BASED COMPOSITIONS, RIGID POROUS STRUCTURES INCLUDING THE SAME, METHODS OF MAKING AND USING THE SAME	MA, JUN
08832512	5939753	150		MONOLITHIC RF MIXED SIGNAL IC WITH POWER AMPLIFICATION	MA, JUN
08812175	5908748	250	03/06/1997	SPECIES-SPECIFIC YEAST TFIIB SEQUENCE	MA, JUN
08507898	5656844	150	07/27/1995	SEMICONDUCTOR-ON- INSULATOR TRANSISTOR HAVING A DOPING PROFILE FOR FULLY-DEPLETED OPERATION	MA, JUN

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Last Name = GERMAN First Name = KRISTINE

Application#	Patent#	Status	Date Filed	Title	Inventor Name 26
60478749	Not Issued	159	06/16/2003	UNIVERSAL FLEXIBLE PLURAL PRINTER TO PLURAL FINISHER SHEET INTEGRATION SYSTEM	GERMAN, KRISTINE A.
60476374	Not Issued	159	06/06/2003	UNIVERSAL FLEXIBLE PLURAL PRINTER TO PLURAL FINISHER SHEET INTEGRATION SYSTEM	GERMAN, KRISTINE A.
60456087	Not Issued	159	03/19/2003	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	GERMAN, KRISTINE A.
60456063	Not Issued	159	03/19/2003	MEMS OPTICAL LATCHING SWITCH	GERMAN, KRISTINE A.
11069020	Not Issued	020	02/28/2005	PRINTING SYSTEMS	GERMAN, KRISTINE A.
11010769	Not Issued	030	12/13/2004	CANTILEVER BEAM MEMS VARIABLE OPTICAL ATTENUATOR	GERMAN, KRISTINE A.
11000168	Not Issued	030	11/30/2004	ADDRESSABLE FUSING AND HEATING METHODS AND APPARATUS	GERMAN, KRISTINE A.
10999450	Not Issued	030	11/30/2004	ADDRESSABLE FUSING FOR AN INTEGRATED PRINTING SYSTEM	GERMAN, KRISTINE A.
10924458	Not Issued	020	08/23/2004	PRINT SEQUENCE SCHEDULING FOR RELIABILITY	GERMAN, KRISTINE A.
10918093	Not Issued	030	08/13/2004	BEAM SWITCH STRUCTURES AND METHODS	GERMAN, KRISTINE A.
<u>10917676</u>	Not Issued	030	08/13/2004	MULTIPLE OBJECT SOURCES CONTROLLED AND/OR SELECTED BASED ON A COMMON SENSOR	GERMAN, KRISTINE A.
10878834	Not Issued	030	06/28/2004	WAVEGUIDE STRUCTURES AND METHODS	GERMAN, KRISTINE A.

10860195	Not	030	06/03/2004	UNIVERSAL FLEXIBLE PLURAL	GERMAN,
	Issued			PRINTER TO PLURAL FINISHER SHEET INTEGRATION SYSTEM	KRISTINÉ A.
10785211	Not Issued	030	02/24/2004	UNIVERSAL FLEXIBLE PLURAL PRINTER TO PLURAL FINISHER SHEET INTEGRATION SYSTEM	GERMAN, KRISTINE A.
10772693	Not Issued	071	02/05/2004	THERMAL ACTUATOR WITH OFFSET BEAM SEGMENT NEUTRAL AXES AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	GERMAN, KRISTINE A.
10772564	Not Issued	071	02/05/2004	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	GERMAN, KRISTINE A.
<u>10727191</u>	Not Issued	041	12/03/2003	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	GERMAN, KRISTINE A.
10721724	Not Issued	030	II I	ELECTRICAL STIMULI OF MEMS DEVICES	GERMAN, KRISTINE A.
10712203	Not Issued	092	11/12/2003	MEMS OPTICAL LATCHING SWITCH	GERMAN, KRISTINE A.
10712200	Not Issued	041	11/12/2003	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	GERMAN, KRISTINE A.
<u>10634941</u>	Not Issued	071	08/05/2003	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	GERMAN, KRISTINE A.
10342542	Not Issued	092	01/15/2003	CUSTOM COLOR INKJET PRINTING SYSTEM	GERMAN, KRISTINE A.
10284541	6640075	150	10/30/2002	ELECTROPHOTOGRAPHIC DEVELOPMENT SYSTEM WITH TONER PURGING	GERMAN, KRISTINE A.
10063762	6828887	150	II ' I	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	GERMAN, KRISTINE A.
10046234	6608643	150	11	SYSTEMS AND METHOD FOR MEASURING OR REDUCING SPACING ERRORS IN MULTIPLE BEAM ROS SYSTEMS	GERMAN, KRISTINE A.
09438208	6167228	150	11/12/1999	DEVELOPMENT SYSTEM WITH SPLIT FUNCTION DEVELOPMENT ROLLS	GERMAN, KRISTINE A.

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GERMAN	KRISTINE	Search

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Last Name = GULVIN First Name = PETER

Application#	Patent#	Status	Date Filed	Title	Inventor Name 29
60456087	Not Issued	159	il l	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	GULVIN, PETER M.
60456063	Not Issued	159	03/19/2003	MEMS OPTICAL LATCHING SWITCH	GULVIN, PETER M.
11094411	Not Issued	020		ACTUATOR AND SYSTEMS AND METHODS	GULVIN, PETER M.
11094408	Not Issued	030	03/31/2005	ACTUATOR AND LATCHING SYSTEMS AND METHODS	GULVIN, PETER M.
11010769	Not Issued	030	12/13/2004	CANTILEVER BEAM MEMS VARIABLE OPTICAL ATTENUATOR	GULVIN, PETER M.
10918093	Not Issued	030	08/13/2004	BEAM SWITCH STRUCTURES AND METHODS	GULVIN, PETER M.
10901285	Not Issued	030	07/28/2004	VENTED MEMS STRUCTURES AND METHODS	GULVIN, PETER M.
10878834	Not Issued	030	11	WAVEGUIDE STRUCTURES AND METHODS	GULVIN, PETER M.
10873125	Not Issued	030	06/23/2004	ELECTROSTATIC ACTUATOR WITH SEGMENTED ELECTRODE	GULVIN, PETER M.
10772693	Not Issued	071	02/05/2004	THERMAL ACTUATOR WITH OFFSET BEAM SEGMENT NEUTRAL AXES AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	GULVIN, PETER M.
10772564	Not Issued	071	02/05/2004	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	GULVIN, PETER M.
10727191	Not Issued	041	12/03/2003	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	GULVIN, PETER M.

<u>10721724</u>	Not Issued	030	11/24/2003	ELECTRICAL STIMULI OF MEMS DEVICES	GULVIN, PETER M.
10712203	Not Issued	092	11/12/2003	MEMS OPTICAL LATCHING SWITCH	GULVIN, PETER M.
10712200	Not Issued	041	11/12/2003	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	GULVIN, PETER M.
10634941	Not Issued	071	08/05/2003	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	GULVIN, PETER M.
10193804	6661070	150	07/11/2002	MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH SINGLE CRYSTAL SILICON EXPOSURE STEP	GULVIN, PETER M.
10192087	Not Issued	161	07/09/2002	MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH BACKSIDE METALIZATION	GULVIN, PETER M.
10063762	6828887	150	05/10/2002	BISTABLE MICROELECTROMECHANICAL SYSTEM BASED STRUCTURES, SYSTEMS AND METHODS	GULVIN, PETER M.
09986399	6510275	150	11/08/2001	MICRO- OPTOELECTROMECHANICAL SYSTEM BASED DEVICE WITH ALIGNED STRUCTURES AND METHOD FOR FABRICATING SAME	GULVIN, PETER
<u>09986107</u>	Not Issued	161		MEMBRANE STRUCTURES FOR MICRO-DEVICES, MICRO- DEVICES INCLUDING SAME AND METHODS FOR MAKING SAME	GULVIN, PETER M.
09858469	6413793	150	05/17/2001	METHOD OF FORMING PROTRUSIONS ON SINGLE CRYSTAL SILICON STRUCTURES BUILT ON SILICON-ON- INSULATOR WAFERS	GULVIN, PETER M.
09812498	6465856	150	03/19/2001	MICRO-FABRICATED SHIELDED CONDUCTORS	GULVIN, PETER M.
09768688	6508947	150	01/24/2001	METHOD FOR FABRICATING A MICRO-ELECTRO-MECHANICAL FLUID EJECTOR	GULVIN, PETER M.
09768676	6572218	150	01/24/2001	ELECTROSTATICALLY- ACTUATED DEVICE HAVING A CORRUGATED MULTI-LAYER MEMBRANE STRUCTURE	GULVIN, PETER M.

09724515	6506620	150	11/27/2000	PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH BACKSIDE METALIZATION	GULVIN, PETER M.
09724514	6479315	150	11/27/2000	PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH SINGLE CRYSTAL SILICON EXPOSURE STEP	GULVIN, PETER M.
09724506	6479311	150	11/27/2000	PROCESS FOR MANUFACTURING MICROMECHANICAL AND MICROOPTOMECHANICAL STRUCTURES WITH PRE-APPLIED PATTERNING	GULVIN, PETER M.
09687096	6467879	150	10/16/2000		GULVIN, PETER M

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Last Name = LIN

First Name = PINYEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 33
11094411	Not Issued	020		ACTUATOR AND SYSTEMS AND METHODS	LIN, PINYEN
11094408	Not Issued	030	03/31/2005	ACTUATOR AND LATCHING SYSTEMS AND METHODS	LIN, PINYEN
11010769	Not Issued	030	12/13/2004	CANTILEVER BEAM MEMS VARIABLE OPTICAL ATTENUATOR	LIN, PINYEN
11010768	Not Issued	041	12/13/2004	METHODOLOGY FOR A MEMS VARIABLE OPTICAL ATTENUATOR	LIN, PINYEN
10999210	Not Issued	030	11/30/2004	FLUID EJECTION DEVICES AND METHODS FOR FORMING SUCH DEVICES	LIN, PINYEN
10995965	Not Issued	030	11/23/2004	MICROFABRICATION PROCESS FOR CONTROL OF WAVEGUIDE GAP SIZE	LIN, PINYEN
10995838	Not Issued	020	11/23/2004	INK JET SET FOR REDUCING INTERCOLOR BLEED	LIN, PINYEN
10878834	Not Issued	030	06/28/2004	WAVEGUIDE STRUCTURES AND METHODS	LIN, PINYEN
10772693	Not Issued	071	02/05/2004	THERMAL ACTUATOR WITH OFFSET BEAM SEGMENT NEUTRAL AXES AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	LIN, PINYEN
10772564	Not Issued	071	02/05/2004	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	LIN, PINYEN
10745214	Not Issued	030	12/23/2003	TONERS AND PROCESSES THEREOF	LIN, PINYEN
10721849	Not Issued	071	II	MONOLITHIC RECONFIGURABLE OPTICAL	LIN, PINYEN

				MULTIPLEXER SYSTEMS AND METHODS	
10712203	Not Issued	092	11/12/2003	MEMS OPTICAL LATCHING SWITCH	LIN, PINYEN
10712200	Not Issued	041	11/12/2003	MEMS WAVEGUIDE SHUTTLE OPTICAL LATCHING SWITCH	LIN, PINYEN
10647489	Not Issued	071	08/25/2003	TONER PROCESSES	LIN, PINYEN
10634941	Not Issued	071	08/05/2003	THERMAL ACTUATOR AND AN OPTICAL WAVEGUIDE SWITCH INCLUDING THE SAME	LIN, PINYEN
10046510	6525866	150	01/16/2002	ELECTROPHORETIC DISPLAYS, DISPLAY FLUIDS FOR USE THEREIN, AND METHODS OF DISPLAYING IMAGES	LIN, PINYEN
10046194	6577433	150	01/16/2002	ELECTROPHORETIC DISPLAYS, DISPLAY FLUIDS FOR USE THEREIN, AND METHODS OF DISPLAYING IMAGES	LIN, PINYEN
09986395	6658179	150	11/08/2001	MONOLITHIC RECONFIGURABLE OPTICAL MULTIPLEXER SYSTEMS AND METHODS	LIN, PINYEN
09683547	Not Issued	061	01/16/2002	SPACER LAYER FOR ELECTROPHORETIC DISPLAY DEVICE	LIN, PINYEN
<u>09683535</u>	6529313	150		ELECTROPHORETIC DISPLAYS, DISPLAY FLUIDS FOR USE THEREIN, AND METHODS OF DISPLAYING IMAGES	LIN, PINYEN
09683534	6574034	150	01/16/2002	ELECTROPHORETIC DISPLAYS, DISPLAY FLUIDS FOR USE THEREIN, AND METHODS OF DISPLAYING IMAGES	LIN, PINYEN
09520446	6245474	150	03/07/2000	POLYMER COATED CARRIER PARTICLES FOR ELECTROPHOTOGRAPHIC DEVELOPERS	LIN, PINYEN
09429656	6263179	150	10/29/1999	PARTICLE FLOW ENHANCING AGITATOR ARTICLE	LIN, PINYEN
09414935	H001889	150	10/12/1999	TONER COMPOSITIONS	LIN, PINYEN
09259448	5994017	150	03/01/1999	TONER AND DEVELOPER COMPOSITIONS WITH COMPATIBILIZERS	LIN, PINYEN

09258916	6124071	150	03/01/1999	TONER COMPOSITIONS	LIN, PINYEN
09216758	6083654	150	ll l	TONER COMPOSITIONS AND PROCESSES THEREOF	LIN, PINYEN
09020951	5955235	150	02/09/1998	TONER COMPOSITIONS WITH COMPATIBILZERS	LIN, PINYEN
08922435	5843612	150		TONER AND DEVELOPER COMPOSITIONS WITH COMPATIBILIZERS	LIN, PINYEN
08922431	5853942	150	09/02/1997	TONER PROCESSES	LIN, PINYEN
08843883	5716752	150		METHOD OF MAKING TONER COMPOSITIONS	LIN, PINYEN
08573976	5643708	150	14	TONER AND DEVELOPER COMPOSITIONS	LIN, PINYEN

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IEEE STD	IEEE Standard		Advanced Packaging, IEEE Transactions on [see also Components, Packaging and M. Technology, Part B: Advanced Packaging, IEEE Transactions on] Volume 26, Issue 3, Aug. 2003 Page(s):268 - 276
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			2. New opportunities for microactuators Fujita, H.; Gabriel, K.J.; Solid-State Sensors and Actuators, 1991. Digest of Technical Papers, TRANSDUCER International Conference on 24-27 June 1991 Page(s):14 - 20
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			3. Thermal microactuators for optical purpose Huja, M.; Husak, M.; Information Technology: Coding and Computing, 2001. Proceedings. International Con
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THERMAL ACTUATOR

1986-10-31 IPCOM000025616D

Englist

A bi-metallic strip is a compound strip of metal formed by weldi two strips of metal whose coefficients of thermal expansion are change in temperature causes the two metals to change in leng and in an amount proportional to the ...

Result # 2 Relevance: 😭 💮



Three-Dimensional Multilayer Ceramic Wiring Structure Semiconductor Devices

1984-10-01

IPCOM000043917D

English

This article describes a three-dimensional (3-D) multilayer ceral structure for effecting a substantial increase in semiconductor d wirable in three dimensions using multilevel ceramic technology illustrates an exploded isometric view. An MLC ...

Result # 3 Relevance:



Multilayer Substrate Repair Method

1974-02-01 IPCOM000080718D

Englisl

It may be necessary to repair, replace or remove defective segring multilayer solder pin interconnected substrates having semicon mounted thereon. This can be accomplished by providing a pass furnace having a heating zone operated at a ...

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